BHARAT COKING COAL LIMITED
(A Subsidiary of Coal India Limited)
Office of the Chief General Manager(MM)
Materials Management Department
Commercial Block L-III, Koyla Bhawan : Koyla Nagar
Dhanbad : 826005
(Fax No- 0326-2230183)
Telegram: KOKINGKOL – DHANBAD
Web site : http://bccl.cmpdi.co.in

Under jurisdiction of Dhanbad Court only.

TENDER NO : BCCL/PUR/570199/50HP Starter(Trial)/08-09/124

DUE DATE & TIME FOR SUBMISSION— 26.3.09 up to 1 PM

DUE DATE & TIME FOR OPENING— 26.3.09 AT 3 PM

COST OF TENDER DOCUMENT – Rs 1000/- each (One thousand only)

REQUIRED AMOUNT OF EARNEST MONEY – Rs. 4800.00 (Four thousand eight hundred)
( Please see clause no.111 & 13)

TENDER ENQUIRY

Document issued to: If this Tender Document has been downloaded from our website Part-
III envelope(Clause 9[c] bearing required Bank Draft for the requisite
Tender Fee must be enclosed along with the tender otherwise their offer shall be rejected out rightly without any reference.However,the contents of the tender documents available for sale in our office shall be deemed as authentic .The responsibility of errors & omissions in the downloaded documents will be with tenderer

Dear Sirs,

Sub: Notice Inviting Tender for supply of DGMS approved Starter 50 HP

1. Sealed tenders are invited in duplicate only from the manufacturers or their exclusively authorized sole selling agents authorized by their manufacturer to offer against this tender for supply of DGMS approved 50 HP Starter to various Areas of BCCL as per detailed specifications as Annexure – “A” on trial basis.
2. The offers are to be submitted before the closing date and time as mentioned above. Late tenders will not be considered.

3. Tenderers may be deposited in person by the tenderer in the Tender Box kept at Tender cell, Purchase Department, office of the CGM(MM), Bharat Coking Coal Limited, Commercial Block, Level –III, Koyla Bhawan, Koyla Nagar, Dhanbad or sent by post or courier to the above address. Bharat Coking Coal Limited, however, do not take any responsibility for loss of tender in transit. A tender which has not been received on the due date and before the time of opening of the tender, the same will not be considered. No relaxation in this respect will be entertained.

4. Tenders sent through telegram, telex, Fax or E-Mail will not be considered.

5. Tender documents/forms purchased by one firm are not transferable to another firm.

6. The tender document is divided into the following parts:
   i) Annexure ‘A’ - Technical specification
   ii) Annexure ‘B’ - Commercial terms without price.
   iii) Annexure ‘C’ - Check List

7. (a) The offers are to be submitted in three parts. The first part “Part- I i.e. Techno-commercial offer” should contain the detailed Technical and commercial terms of the offer. However, this should not contain the price. The envelope should be sealed superscribed with the tender number and the date of opening and must mark Part I

   (b) The second Part “Part-II i.e. Price Bid” should contain the details of price only. The envelope should be sealed superscribed with the tender number and the date of opening and must mark Part II.

   (c) “Part – III” [Applicable for those tenderers who will downloaded tender documents from our web site.]

   In this case the intending tenderer must enclose the requisite tender fee as Bank Draft from any schedule Bank drawn in favour of “BHARAT COKING COAL LIMITED” payable at Dhanbad in the “Part – III” envelope. The envelope shall be sealed, superscribed with tender number and due date of opening and must mark “Part-III”.

All the envelopes containing the tender shall be properly sealed. Envelopes stapled shall not be accepted. The name and address of the bidder must also be indicated on the envelopes. Please note that envelopes stapled shall not be accepted.

All these three sealed envelopes i.e. “Part – I” [Techno-commercial bid], “Part – II” [Price bid] and “Part – III” [Requisite tender fee as indicated in the tender notice] should be kept in a bigger envelope giving details of the tender No. and due date of submission and opening along with the name and address of the bidder.

In absence of “Part-III” envelope offer shall be rejected out rightly without any reference for those tenderers who have downloaded the tender documents from our website.

8. Part - I (Techno commercial Offer) and “Part – III” (Tender fee) will be opened on the due date of tender opening in presence of the authorized representative of the attending bidders

   NOTE.
   a) Tenders not submitted in the above manner will not be accepted.
   b) If tender disclose their price in the techno-commercial bid(Part-I), the offer will be re-sealed and will be treated as invalid offer by the Tender opening Committee.
09. The price bids i.e. Part- II of only those tenders whose Part- I is found to be technocommercially acceptable to BCCL will be opened later on. Date and time of opening will suitably be intimated to such bidders whose offers are found technocommercially acceptable.

10. Bharat Coking Coal Limited reserves the right to accept or reject any or all offers in part or in full without assigning any reason thereof. No dispute of any kind can be raised against this right of the buyer in any court of law or elsewhere.

11. Earnest Money:
   a) An Earnest money of Rs. 4800.00 (Four thousand eight hundred) in terms of Bank Draft of any schedule Bank drawn in favour of Bharat Coking Coal Limited payable at Dhanbad must accompany the Part I (Techno-commercial offer) otherwise offer shall be considered unresponsive.
   b) If it is accompany the Part-II (Price bid), it will be presumed that tenderer has not deposited the requisite Earnest money and their offer shall be considered unresponsive.

12. Security money – Successful tenderer are required to deposit security money in the form of Bank Draft/Bank Guarantee of any schedule Bank of 10% of the order (value means F.O.R destination price) within 15 days from the date of receipt of order. Bank draft should be drawn in favour of “BHARAT COKING COAL LIMITED” payable at Dhanbad. In case they fail to deposit the same, the supply order shall be cancelled and the shall be processed to order elsewhere and the firm’s performance is to be kept recorded for future dealings with them. The security will be refunded to the firm within 30 days of satisfactory execution of the contract (Execution of the contract means successfully completion of supply against the order). For unsatisfactory performance and/or contractual failure the security money shall be forfeited. Please note that security money may be converted in to Performance Bank Guarantee wherever required. Please note that validity of Performance Bank Guarantee shall be as per clause 11 (a) of Commercial terms & conditions. Please confirm the acceptance of this clause clearly.

13. The bidders must give a declaration that they have not been banned or de-listed by any Government or quasi-Government agencies or PSUs. If a bidder has been banned by any Government or quasi-Government agencies or PSUs, this fact must be clearly stated and it may not necessarily be a cause for disqualifying them. If this declaration is not given, the bid will be rejected as non-responsive.

14. Bharat Coking Coal Limited reserves the right not to make any procurement against this tender without assigning any reasons.

15. Tenders of those tenderers who suo moto offer different prices or change the terms which effects the quoted price of the firm within the validity of the offer shall be treated as invalid offer ab initio and the action against such tenderer as per CIL rules / procedure will be taken.

16. ALL CONTRACTS WILL BE IN ACCORDANCE WITH THE PREVALENT INDIAN LAW AND ALL DISPUTES ARE SUBJECT TO THE JURISDICTION OF DHANBAD COURT ONLY.

IMPORTANT NOTE:
(i). The tenderers are requested to go through all the Annexure and furnish specific replies to each question raised therein.
(ii). Printed terms and conditions of the vendor shall not be considered. Tenderers are requested to submit their offer complete in all respects maintaining serial number of items, terms and conditions as per tender documents along with all supporting documents failing which offer may not be considered.
(iii). Normally no deviation is acceptable to our tender documents. Terms and Offers which are in deviation are liable for rejection without asking back reference to the tenderers. Offers as asked must be submitted complete in all respects.

(iv). The complete offer should be typed in the letter head of the tender(Hand written quotation will be summarily rejected). If firm’s letter heads are not sufficient to accommodate technical and pricing details preferably bigger papers may be used, such sheets along with other pages of the offer should be signed and stamped by company’s authorised signatory.

(v). All pages of tender documents should be signed including all enclosures with the tenders except printed leaflets/catalogues and have company’s seal. This is must otherwise offer shall be rejected.

(vi). Erased and over written quotations will be summarily rejected unless corrections are authenticated with the tenderer’s signature.

(vii). BCCL reserves the right to increase or decrease the tendered quantity against any/all the items of the tender.

(viii). The tenderer must submit separate sheet in Part ‘I’ (Techno-commercial offer) indicating any deviation in their offer from the Technical and Commercial terms specified/required.

(ix). Purchase Preference Policy as per Govt. of India’s office memorandum no. DPE 13(12)/2003-Fin.Vol II dt. 18th July 2005 valid upto 31/03/2008 is applicable for any Govt.Dept/PSU tender. It is applicable to contracts of value of 5.0 crore and above but not exceeds 100.00 crore.

(x). As per Central Vigilance Commission (CVC) guidelines no post tender negotiations may be held except in case of Proprietary Purchase or for items with limited source of supplies (negotiation in such case may be held only with L-1 / preferred L-1 vendor)

(xi). If L-1 tenderer do not have adequate capacity to supply full quantity tendered, the uncovered quantity order may be distributed to L-2 tenderer at L-1 rate.

Not withstanding anything said above, BCCL reserves the right to follow any guideline or instruction received from the Government or any statutory bodies from time to time.

Encl: As above

Yours faithfully

For & on behalf of Bharat Coking Coal Limited.
COMMERCIAL TERMS:-

1. Part-I i.e. TECHNO COMMERCIAL OFFER should contain the following (but not the price of any item):

   i) Name and address of the original Manufacturer along with full details of the contacts persons, Telephone No, Fax No., E. Mail address etc.
   
   ii) Details of order received giving the name of the buyer, their address and country, date of order and number/quantity item ordered and supplied. Specific details should be given regarding the item supplied with full address of the user, so that the same can be verified if felt necessary.
   
   iii) Details of collaborations, if any.
   
   iv) Details of After Sales Service to be provided, namely address of service depots, if any, strength of after sales service personnel and their qualifications and backgrounds.
   
   v) Details of Training offered, if any.
   
   vi) Details of quality control measures/stage inspections carried out. Accreditation of any approved std. quality control institute or organization may be indicated certifying the quality system of the bidder.
   
   vii) Details regarding location of the works. The purchaser reserves the right to inspect the works of the bidder. What are the facilities they will provide to carry out pre despatch inspection in stages of manufacturing process, if buyer wish to do so.
   
   viii) A statement certifying that the bidder accepts all the commercial terms and conditions of Bharat Coking Coal Limited given in this bid documents without any reservation what so ever.

2. (A) PART II i.e. PRICE BID should contain the following:

   i) Rate (Prices) must be quoted on FIRM & FOR Destination basis with the following break up.
   
   a) Ex-Works Price
   
   b) Freight, Insurance, Packing & Forwarding charges on lump-sum basis.
   
   c) Excise duty if applicable (It will be payable extra on Ex-works price basis)
   
   d) Sales Tax (It will be payable extra as applicable)

   NOTE: - 1. Please confirm in the technical bid Part-I that their rate is not inclusive of sales tax otherwise their offer may be ignored. However if their rate is inclusive of Ex-duty they must indicate the applicable rate of Excise duty in the technical bid i.e. Part-I
   
   2. The rate must be indicated both in figure and words. If there is difference between both, the amount appearing in words shall be taken for consideration.
i) In case of direct import by us (BCCL), price will be on F.O.R. delivery Port basis only. The Price must be on FIRM basis.

ii) In case of Imported stores and prices are in Indian rupees on FOR destination basis, only applicable sales tax and statutory local levies (if any) will be payable extra. The price must be on FIRM basis.

iii) Conditional discount including quantity discount will not be considered for comparative purpose. Cash discount or Prompt payment discount will also be treated in the same manner. However only unconditional discount will be taken into account for comparative evaluation to ascertain the competitiveness of the tender. In case of F.O.B price all discount attracts custom duty etc. except trade discount.

iv) In case of Imported stores other than direct import by BCCL, the firm should quote FOR destination price in Indian Rupee and firm shall give a certificate along with their offer of their Auditors certifying that they have paid Customs and other applicable Duties as per prevailing Customs Rates and refund if any shall be passed on to the buyer.

2 (B) – Detail evaluation of financial bids.

2 (B) (a) In spite of mentioning that offers should be submitted by the tenderers on FOR destination basis as per clause 2(A)(i) above, in case a tenderer does not specify the basis of price or quoted on ex-works or FOR despatching station basis, the price will be loaded to arrive at the F.O.R. destination price on the following manner.

<table>
<thead>
<tr>
<th>Approximate distance of dispatching Station from Consignee’s end.</th>
<th>Percentage FOR dispatching station price regarding Freight.</th>
<th>Packing and Forwarding Charges</th>
<th>Transit Insurance Charge</th>
</tr>
</thead>
<tbody>
<tr>
<td>Above 2001 Km</td>
<td>5%</td>
<td>2%</td>
<td>½%</td>
</tr>
<tr>
<td>1501 Km - 2000 Km</td>
<td>4%</td>
<td>2%</td>
<td>½%</td>
</tr>
<tr>
<td>1001 Km - 1500 Km</td>
<td>3%</td>
<td>2%</td>
<td>½%</td>
</tr>
<tr>
<td>501 Km – 1000 Km</td>
<td>2%</td>
<td>2%</td>
<td>½%</td>
</tr>
<tr>
<td>Below 500 Km</td>
<td>1%</td>
<td>2%</td>
<td>½%</td>
</tr>
</tbody>
</table>

2 (B) (b) In case of Imports, the tenderers are required to quote on FOB delivery port basis. The total price will be estimated in the following manner to arrive at the CIF price & landed price of the import offers.

<table>
<thead>
<tr>
<th>Sl.no</th>
<th>Description</th>
<th>Imported from USA ,Canada and Japan</th>
<th>Imported from European and other countries.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Freight &amp; Insurance</td>
<td>12% of FOB value</td>
<td>10% of FOB value</td>
</tr>
<tr>
<td>2</td>
<td>Insurances Charges</td>
<td>½% of FOB value</td>
<td>½% of FOB value</td>
</tr>
<tr>
<td>3</td>
<td>Custom Duty</td>
<td>As applicable</td>
<td>As applicable</td>
</tr>
<tr>
<td>4</td>
<td>Port handling and clearance Charges, Inland transportation and other miscellaneous charges</td>
<td>5% of FOB value</td>
<td>5% of FOB value</td>
</tr>
</tbody>
</table>

To arrive the FOR destination Price in Indian Rupees, the exchange rate published in National Newspaper applicable on the date of opening of Price Bids will be taken. The applicable rate will be “Selling BC Rate”.
3. **VALIDITY:** The offer must be valid for acceptance for a period of 6(Six) months from the date of opening tender. Offers will not be permitted to be withdrawn during this period.

4. **ULTIMATE CONSIGNEE:** The materials may be consigned to any of the depot of BCCL.

5. **PRICE VARIATION:** Only FIRM price shall be quoted. No price variation will be allowed during the pendency of the contract excepting the price fall clause.

6. **PAYMENT TERM:** ‘100% payment shall be made after six months of satisfactory performance against submission of Bank Guarantee of equivalent amount valid for a period of 12 months thereafter (Beyond initial six months).’

7. Either the Indian Agent on behalf of the foreign principal or the foreign principal may directly bid in a tender but not both.
   If an agent participates in a tender on behalf of one manufacturer, he should not quote on behalf of another manufacturer along with the first manufacturer for the same item.

8. In case of indigenous supplies, Tenderers are required to furnish the following details/information in the techno-commercial bid Part-I for transferring the Money to the supplier’s account through e-banking while making payment
   a. Name of the Bank.
   b. Name of the Branch with complete address.
   c. Party’s Account Style.
   d. Party’s nature of Account.
   e. Party’s Account Number.

9. **DELIVERY:**
   i) Required delivery schedule-
<table>
<thead>
<tr>
<th>Sl.no</th>
<th>Item</th>
<th>Delivery Schedule</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Best possible delivery schedule to be quoted.</td>
</tr>
</tbody>
</table>
   
   ii) The bidder should be in a position to supply in specific delivery period at least 25% of the total tendered quantity, otherwise offer shall be considered unresponsive.
   iii) The delivery schedule quoted in the offer shall be firm and final. Delivery will be counted from the date of receipt of the order. Failure to supply the material in time may attract penalty as per clause No. 10

10. **PENALTY FOR FAILURE TO SUPPLY IN TIME:** As per Appendix –I

11. (a) **GUARANTEE/WARRANTY/PERFORMANCE BANK GUARANTEE** – As per Annexure A
12. PACKING FOR TRANSIT.

The bidder should confirm provision of proper packing of the goods to be shipped by them if order is placed on them as is required to prevent their damage or deterioration during transit to their final destination. The packing shall be sufficient to withstand, without limitation, rough handling during transit. Packing case size and weights shall take into consideration, where appropriate, the remoteness of the goods final destination and absence of heavy handling facilities at all the points in transit. The packing, marking and documentation within and outside the package shall comply strictly with such special requirement as shall be expressly provided for in the order.

13. QUALITY CONTROL MEASURE

The bidder shall furnish details of quality control measures being adopted by him, including any International / Indian standard being followed.

14. PRICE FALL CLAUSE:

- As per Appendix -II

15. FORCE MAJEURE CLAUSE

If the execution of the contract/supply order is delayed beyond the period stipulated in the contract/supply order as a result of out-break of hostilities, declaration of an embargo/curfew or blockade or fire, flood, acts of nature or any other contingency beyond the supplier’s control due to act of God then BCCL may allow such additional time by extending the delivery period, as it considers to be justified by the circumstances of the case and its decision shall be final. If and when additional time is granted by BCCL the contract/supply order shall be read and understood as if it had contained from its inception the delivery date as extended. Further this clause state that:

a) The successful bidder will, in the event of his having to resort to this clause by a registered letter duly certified by the local Chamber of Commerce or statutory authority, the beginning and end of the causes of the delay, within fifteen days of the occurrence and cessation of such Force Majeure Conditions. In the event of delay lasting out of Force Majeure, BCCL will reserve the right to cancel the contract and provisions governing termination of contract, as stated in the bid documents will apply.

b) For delays arising out of Force Majeure, the bidder will not claim extension in completion date for a period exceeding the period of delay attributable to the causes of Force Majeure and neither BCCL nor the bidder shall be liable to pay extra costs provided it is mutually established that Force Majeure Conditions did actually exists.

c) If any of the force majeure conditions exists in the place of operation of the bidder even at the time of submission of bid, he will categorically specify them in his bid and state whether they have been taken into consideration in their quotations.
16. INSPECTION & TESTS.

i) The purchaser of its authorized representative shall have the right to inspect and/or to test the goods to confirm their conformity to the contract. The purchaser shall notify the supplier in writing of the identity of any representative retained for these purposes.

ii) If the inspections and tests is conducted on the premises of the supplier or its subcontractor(s) at point of delivery and/or at the goods final destination when conducted on the premises of the supplier or its subcontractor(s), all reasonable facilities and assistance, including access to drawings and production data, shall be furnished to the inspectors at no charge to the purchaser.

iii) Should any inspected or tested Goods fail to conform to the specifications, the purchaser may reject them and the supplier shall either replace the rejected goods and make all alternatives necessary to meet specification requirements free of cost to the Purchaser.

iv) The materials will be inspected on arrival at site by the consignee, which will be considered as final. This shall in no way be limited or waived by reason of the Goods having previously been inspected, tested and passed by the Purchaser or its representative’s i.e. third party prior to the dispatch of the Goods.

v) Nothing in these documents shall in any way release the supplier from any warranty or other obligations under this contract.

For Chief General Manager(MM)
The time and date of delivery of stores stipulated in Purchase order shall be deemed to
be of the essence of the contract and delivery of the stores must be completed by the date
specified. No materials should be supplied beyond the specified delivery period, unless
specific approval has been obtained from the purchaser.

In the event of failure to delivery or dispatch the stores within the stipulated date/
period in accordance with the samples and/or specification mentioned is the supply
order, and in the event of breach of any terms and conditions mentioned in the supply
order. Bharat Coking Coal Limited reserves the right:

a) To recover from successful tenderer, as agreed liquidated damages, a sum not less than 0.5%
(half percentage) of the price of the stores which successful tenderer has not been able to supply
(for this purpose part of a unit supplied will not be considered) as aforesaid for each week or
part of a week during which the delivery of such stores may be in arrears limited to 10%. Where
felt necessary the limit of 10% can be increased to 15% at the discretion of Head of the Materials
Management Division.

b) To purchase elsewhere, after due notice to the successful tenderer on the account and at the risk
of the defaulting supplier the stores not supplied or others of a similar description without cancelling
the supply order in respect of consignment not yet due for supply or

c) To cancel the supply order or a portion thereof, and if so desired to purchase the store at the risk and cost of the defaulting supplier and also

d) To extend the period of delivery with or without penalty as may be considered fit and proper. The penalty, if imposed shall not be more than the agreed liquidated damages referred to in clause(a) above.

e) To encash any Bank guarantee which is available for recovery of the penalty or

f) To forfeit the security deposit full or in part.

g) Whenever under the contract a sum of money is recoverable from and payable by the supplier, BCCL shall be entitled to recover such
sum by appropriating, in part or whole by deducting any sum or which at any time thereafter may be due to the successful tenderer in this or any other contract with Bharat Coking Coal Ltd. or any subsidiary of Coal India Ltd. Should this sum be not sufficient to cover the full amount recoverable, the successful tenderer shall pay BCCL on demand the remaining amount. The supplier shall not be entitled to any gain under this clause.

The bidder must confirm the acceptance of this Penalty clause which will not be altered.

PRICE FALL CLAUSE.

APPENDIX-II

i) The prices charged for the stores supplied under the contract by the supplier shall in no event exceed the lowest price at which the supplier sells the stores of identical description to any other organization till validity of the contract.

ii) If at any time during the said period the supplier reduces the sale price of such stores or sells such stores to any other organization at a price lower than the price chargeable under this contract, the supplier shall forthwith notify such reduction or sale to the consignee concerned under intimation to CGM(MM), Bharat Coking Coal Limited, Commercial Block, Level –III, Koyla Bhawan, Koyla Nagar, Dhanbad and the price payable under the contract for the stores supplied after the date of coming into force of such reduction or sale, shall stand correspondingly reduced. The above stipulated will not, however apply to exports by the supplier.

The bidder should confirm their acceptance of the above clauses.
CHECK- LIST
(To be filled by the Tenderer duly signed and stamped)

1. Whether the tenderer is a Manufacturer  Yes/No

2. Whether the tenderer is a exclusively authorized marketing outlet of a manufacturer Yes/No

3. If the reply against(2) above is yes, then indicate name & full address of the Principal.

4. In case of (2) above whether the Principals Authorisation as Exclusive Authorised Marketing Outlet is enclosed with the offer Yes/No

5. Acceptance of 180 days offer’s validity period as per clause No.3 of Annexure B of NIT Yes/No

6. Whether quoted prices are FIRM/VARIABLE as per clause No.5of Annexure’B’ of NIT Yes/No

7. Whether Price quoted is on FOR destination basis as per NIT Yes/No

8. Whether Payment terms as per clause No.6 of Annexure ‘B’ of NIT accepted Yes/No

9. Whether Liquidated damages & Risk purchase clause as per clause No.10 of Annexure’C’ of NIT accepted Yes/No

10. Whether acceptance of Price fall clause as per clause 15 of Annexure’C’ of NIT accepted Yes/No

11. Whether banned or delisted by any Govt or Quasi Govt Agency/PSU Yes/No

NOTE: NON-Acceptance of ANY OF THE TERMS AND CONDITIONS MAY LEAD TO REJECTION OF OFFER/THE OFFER MAY BE TREATED AS UN-RESPONSIVE.

SIGNATURE OF THE TENDERER WITH SEAL & STAMP
ANNEXURE- ‘A’

(a) GUARANTEE/WARRANTY/PERFORMANCE BANK GUARANTEE

i) The item will be warranted against any manufacturing defects/workmanship for a period of 12 months from the date of commissioning or 18 months from the date of receipt and acceptance. Any defect observed on this account shall be attended to immediately and in no case beyond a period of one month. For specific warranty on assemblies and sub-assemblies, details given in Technical specification may be referred to.

ii) Special Warranty Clause:- If the order is decided to be placed on the bidder, the bidder should confirm against the clause that in the event of any breakdown or failure of performance due to defects in materials, design, workmanship, spare parts etc. BCCL shall promptly notify the supplier in writing of any claims arising under this warranty. The repairs replacement or rectification work shall be carried out by the supplier at site at no cost to the purchase within 21 days of settlement of warranty claims.

“At no cost to the purchaser” means, the supplier will have to bear all the expenses up to the destination site i.e. Ex-works prices, Excise Duty, Sales Tax, Insurance, Inland Transportation charges etc. as applicable to ensure free delivery of warranty replacement at BCCL colliery sites.

The supplier will be required to stock spares to take care of warranty period breakdown. Spares should be available immediately from the date of intimation of breakdown.

iii) The suppliers must ensure that there is no major breakdown due to Manufacturing/design defect during the warranty period. In cases such Breakdown occurs, the purchaser will reserve the right to extend the warranty period suitably as per the availability clause mentioned in the Technical Specification.

Dy Chief Materials Manager(P)
### CHECKLIST

Please confirm the followings:

<table>
<thead>
<tr>
<th>Q.No</th>
<th>List of questions</th>
<th>Indicate in Yes / No below</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Are you a Manufacturer ?</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Are you a exclusively authorized marketing outlet of a manufacturer ?</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>If the reply against (2) above is yes, than have you indicated the name &amp; full address of the Principal.</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>In case of (2) above whether the Principals exclusive Authorisation to quote against this tender is enclosed with the offer</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Have you submitted the tender fee or Proof of payment of tender fee in Part-I as indicated in Annexure-B (This is applicable in case of those bidders who have downloaded the tender papers through BCCL’s website.)</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Have you carefully prepared and signed with name &amp; designation and have stamped the company’s seal on all pages of tender documents/offer along with enclosures consisting of PART-I, PART-II &amp; PART –III.</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Have you enclosed in Part-II a blank format of price bid (Price format as per Annexure), as quoted by you (WITHOUT PRICE) along with confirmation that Price bid have been carefully prepared and signed on all pages of price bid.</td>
<td></td>
</tr>
<tr>
<td>8.(a)</td>
<td>Have you quoted FOR Destination /FOB price(s) and indicated the break-up as per NIT.?</td>
<td></td>
</tr>
<tr>
<td>8(b)</td>
<td>In case of imported items, have you accepted to submit certificate with each supply of your Auditor certifying that you have paid Customs Duty as per prevailing Customs Rates and refund if any shall be passed on to buyer ?</td>
<td></td>
</tr>
<tr>
<td>8(c)</td>
<td>Have you accepted to submit certificate of the auditor that Refund/Credit, if any, obtained in respect of Excise duty shall be passed on to the buyer.</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>Have you quoted FIRM price ?</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>Is your offer valid for 180 days from the date of opening of tender ?</td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>Have you specified firm delivery period ?</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Question</td>
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<td>12</td>
<td>Have you accepted Liquidated Damages &amp; Force majeure clause?</td>
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<td>13</td>
<td>Have you accepted Payment terms?</td>
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<td>14</td>
<td>Have you accepted Inspection terms?</td>
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<td>15</td>
<td>Have you submitted Earnest Money</td>
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<td>16</td>
<td>Have you accepted to deposit Security Money</td>
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<td>17</td>
<td>Have you sought any deviations in COMMERCIAL OR TECHNICAL PARAMETERS and have specified them in the schedules prescribed for them in schedule of tender submission?</td>
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<td>18</td>
<td>Have you submitted copies of documents DGS&amp;D in case of DGS&amp;D approved items?</td>
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<td>19</td>
<td>Have you accepted Price fall clause?</td>
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<td>20</td>
<td>Have you accepted Jurisdiction of Dhanbad Court and Jharkhand High court?</td>
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<td>21</td>
<td>Have you accepted Warranty clause?</td>
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<td>22</td>
<td>Have you submitted declaration that you have not been banned or de-listed by any Government or quasi-Government agencies or PSUs.?</td>
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<td>23</td>
<td>Have you submitted declaration that you have accepted all the commercial terms and conditions as per NIT without any reservation.</td>
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SIGNATURE OF THE TENDERER
WITH SEAL & STAMP
ANNEXURE “A”

SPECIFICATION OF STARTER

1.0 SCOPE
This specification covers the requirement for three phase star delta / DOL, Autotransformer, Reactor and soft start saturable reactor starter for cage motors from 415V to 6.6 kV. The standard shall comply with the requirement of IS 13947 part – 4 for 415V & 525V motors and IS 12661 for HT motors except where modified or extended by the provision of this specification and with the relevant parts of standard mentioned in clause 2.0. Any material and component not specifically stated in this specification but necessary for trouble free operation of the equipment and the accessories specified herein shall be deemed to be included.

2.0 OTHER RELEVANT STANDARDS
The other relevant standards applicable as under:
IS 5142  Continuous variable voltage auto transformers
IS 11171 Dry type transformers
IS 5553 Current limiting reactor
IS 13118 General requirement for circuit breakers for voltage exceeding 1000V
IS 13947 (Part-3) Fuse switch units not exceeding 1000V A.C.
IS 9920 HT Isolators and switches
IS 13947 (Part-5) Rotary switch not exceeding 1000V A.C.
IS 10624 High Voltage fuse link for motor circuit application
IS 9385 (Part -1) High voltage fuses (current limiting fuses)
IS 9385 (Part – 3) Application guide for high voltage fuses
IS 9385 (Part – 5) High voltage fuses. Type & dimensions of fuse link for current limiting fuses
IS 13703(Part1-4) LV Fuses not exceeding 1000V A.C.
IS 12021 Specification for control transformers for voltages not exceeding 1000 V A.C.
IS 13974 AC Contactors not exceeding 1000V A.C.
IS 9046  AC Contactors above 1000V upto and including 11000V A.C.
IEC 470  HV AC Contactors(Vacuum)
IS 2705  Current Transformer
IS 6949 Core balance transformer
IS 3156 Voltage transformer
IS 1766 Time switch
IS 8588 Thermostatic bimetals
IS 3842 Electric relays for AC system
IS 722  AC Electricity meters
IS 1248 Indicating instruments
IS 1901 Indicating lamps
IS 2419 Dimensions of measuring instruments
IS 2147 Degree of protection provided by industrial enclosure
IS 2148 FLP Enclosure for electrical apparatus
IS 1554 PVC Insulated heavy duty cables for working voltage not exceeding 11000V
IS 2274 Electrical wiring of installations
IS 3043 Code of practice for earthing
IS 732  Code of practice for electrical wiring
IS 3072 Code of practice for installation and maintenance of switch gears
The equipment covered under this specification shall comply with all the latest applicable statutory rules, regulations, acts and safety codes which may be in force during the period of execution and which are related with design, construction and operation of equipment in the locality where equipment is to be installed.

3.0 Service condition:

a) Ambient temperature: Maximum 50°C for NFLP Motor and Maximum 45°C for FLP Motors

b) Location: Heavily polluted atmosphere with coal dust for NFLP and Degree three gassy mine for FLP

4.0 Design

4.1 Electrical:

a) All Starter shall be designed for over load, short circuit, and earth leakage protection
b) Over load and short circuit protection by solid state relays. Range of current adjustment 50 to 150% and Instantaneous setting 200 to 600%. Earth leakage protection with suitable sensitive directional earth leakage relays suitable for operation on restricted neutral system with trip level range 80 mA to 1A in suitable steps with time delay 0 to 1 sec. in steps of 100 m Sec., with provision of disconnection. Testing & resetting of the relay by means of push buttons on front cover panel. Indication of E.L. Trip by means of indicating lamp on cover. In case of 1000HP & 500 HP of 6.6 KV Starter over load protection shall be provided by electromagnetic inverse time relays & short circuit protection by electromagnetic instantaneous attracted armature relays. Protection of earth leakage shall be provided by earth leakage relays acting on auxiliary contacts with trip range 1 to 5 A.

c) DOL starter shall be designed for tripping in case the motor fails to achieve rated speed by 20 sec.

a) Star delta starter shall be designed for auto change over by 30 seconds
b) Auto transformer starter shall be designed for auto change over by 40 seconds
c) Reactor starters shall be designed for auto change over by 40 seconds
d) Soft starter saturable reactor starters shall be designed for smooth increase of the line current from zero value. There shall be no rise above rated value.

h) All Starter shall be designed to prevent sudden starting after the restoration of power supply.
i) All Starter shall be designed for protection against single phasing (current sensing)
j) Star delta starters shall be limited between 30 KW to 350 KW. Below 30 KW DOL Starter. For 6.6 KV NFLP, 500 & 1000 HP Soft start saturable reactor starter.

4.2 Mechanical:

a) All starter shall be designed to withstand the thermal and electromagnetic stresses due to over load and short circuit faults.
b) All Starter shall be designed for easy accessibility to components for inspection and maintenance.
c) All Starter shall be designed for safety interlock to ensure opening of the door only when the isolator is off.
5.0 Construction:

5.1 Electrical:

a) All power contactors of starters shall be AC – 3 in accordance with relevant codes. Vacuum contactor will have to provide for 6.6 & 3.3 KV starter and air break contact for 550V starter. The make of contactor will be L & T / Semen’s / ABB / Tele mechanics, or any reputed make.

b) HRC fuse on starters shall be current limiting type. HRC fuse shall be cartridge type mounted on compatible fuse base.

a) Starter shall have ON/OFF/RESET push buttons.

b) Starter shall have glow lamp for each phase.

c) Starter shall have ammeter with selector switch.

d) Starters shall have CT for protection & metering and have CBT for Earth leakage protection.

e) 3.3 KV and 6.6 KV Starters shall have Voltage transformer for measurement.

f) Starters shall have timers. The setting shall be between 2 to 60 seconds.

g) All auto transformers, reactor and soft start suitable reactor starters shall have reactors of the dry type in accordance with relevant code.

h) The off load interlocked reversing isolator of capacity 300% of full load current shall be provided.

5.2 Mechanical:

a) Starters shall have FLP enclosure and those for NFLP shall have Industrial enclosure.

b) All NFLP starters shall have IP 44 and IP 54 degree of protection in indoor & outdoor location respectively in accordance with relevant code.

c) All NFLP starters shall have enclosure made of MS Sheet 1.6 mm thick.

d) Starters shall be free standing floor mounted skid type.

e) Starter shall have two separate earthings terminals on two diagonally opposite corner for earthings of the enclosure.

f) Cable terminal for NFLP Starter shall have IP 54 degree of protection in all location.

g) Cable terminal box shall have FLP enclosure for incoming outgoing and through going cable sealing/terminating box, suitable for mining type PVC/PILC, DWA.

3.0 Technical Parameters:

1. Reference standard : IS 13947(Part 4) / IS 12661

2. Reference standard for enclosure : IS 2148/IS 2147

3. Type of starter : DOL / Star delta / Soft start saturable reactor

4. Rated voltage of starter : 550 V, 3.3 KV & 6.6KV

5. Rated power 550V FLP - 50HP – 8 nos

6 Contactor category : AC – 3

7 Contactor make : Semen’s/ABB/L & T / Tele mechanics, or any reputed make

8 Type of contactor : Vacuum for 3.3KV & 6.6KV & Air break for 550V Of suitable rating.

9. Ammeter & Voltmeter : Required (Voltmeter for 3.3 KV & 6.6KV)

10. Auxiliary contact for Earth leakage protection : Required
No volt protection: Required
Flow switch: Required

10. Mounting: Floor mounting skid type
11. Clearance between phases: 70 mm for HT 10 mm for LT
12. Clearance between phase to phase: 60 mm for HT 10 mm for LT

7. Following documents shall have to be submitted –
   • An attested copy of currently valid DGMS approval for FLP starter
   • An attested copy of CPRI test report for type test

Dy Chief Materials Manager(P)